AquaCoffeeShop
Aquascaping

QUICK TREATMENT GUIDE
Print me and keep it next to your aquarium

LGND Avernus AIBlackEX™
How to remove black beard algae (BBA)

Simple steps for a clean aquarium. Follow them in order and always respect the dose.

YOU NEED

- Avernus AIBlackEX
- The **1 mL syringe** supplied in the box
- A bucket and a siphon or hose
- Water conditioner (e.g. LGND Priority™)
- Optional: LGND Algae Master Brush™

THE GOLDEN RULE

1 mL per 40 L

Maximum **once every 24 hours**.
One full syringe = the daily dose for 40 litres.

Dosing table

MAX PER 24 HOURS

Aquarium	Dose	With the 1 mL syringe
20 L	**0.5 mL**	Fill to the 0.5 mark
40 L	**1 mL**	1 full syringe
60 L	**1.5 mL**	1 full + 0.5 mark
80 L	**2 mL**	2 full syringes
100 L	**2.5 mL**	2 full + 0.5 mark
120 L	**3 mL**	3 full syringes

Aquarium	Dose	With the 1 mL syringe
150 L	**3.7 mL**	3 full + 0.7 mark
200 L	**5 mL**	5 full syringes
250 L	**6.2 mL**	6 full + 0.2 mark
300 L	**7.5 mL**	7 full + 0.5 mark
400 L	**10 mL**	10 full syringes
500 L	**12.5 mL**	12 full + 0.5 mark

My aquarium: _____ litres → **My dose:** _____ mL per 24 h

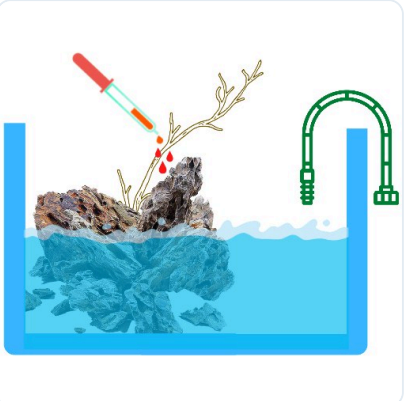
Do not overdose. The dose above is the total for the whole day, whether you spot-treat, dose the whole tank, or both. More product does not work faster. Not sure of your volume? Use the figure on the aquarium box. 1 UK gallon ≈ 4.5 litres.

Method 1: lower the water and treat

BEST RESULTS

For algae on rocks, wood and plants growing on hardscape.

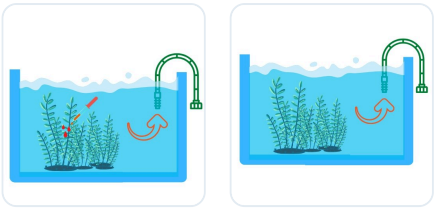
1. **Switch off the filter and the heater**
   Never leave a hot heater out of the water.
2. **Lower the water level**
   Siphon out water until the algae is above the surface. Fish stay in the remaining water.
3. **Apply with the 1 mL syringe**
   Drip the product slowly onto the tufts. Stay within your daily dose.
4. **Wait a few minutes**
   Let the product soak into the algae.
5. **Refill and switch everything back on**
   Use conditioned water (e.g. Priority) at the same temperature as the tank.



Method 2: spot-treat plants in a full tank

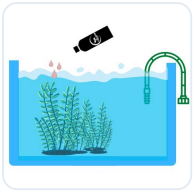
For plants that cannot be exposed, or between water changes.

1. **Switch off the filter**
   Still water keeps the product on the algae.
2. **Apply with the 1 mL syringe**
   Hold the tip very close to the algae and press slowly.
3. **Do a 50% water change**
   Refill with conditioned water, then switch the filter back on.



Tip: if more than about 30% of a leaf is covered in BBA, cut that leaf off. The plant will grow a new, clean one.

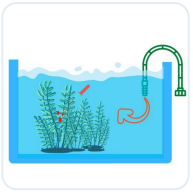
Method 3: dose the whole tank



For BBA spread across the aquarium, or spores in the water. Add your dose to an area with good water flow, once every 24 hours if needed.

Spot-treating and whole-tank dosing on the same day? The total must stay within your daily dose.

After the treatment



- Refill with conditioned water
- Switch the filter, heater and CO_2 back on
- Add live bacteria (LGND Entity™) and a plant recovery supplement (LGND Ancestral Phi™)
- Repeat every 24 hours until the algae is gone

What you will see

- **Day 1–3:** the tufts turn reddish or pink, then pale or white
- **After that:** the dead algae becomes soft and many fish and shrimp eat it
- **Clean-up:** brush it off with the Algae Master Brush and siphon it out at your next water change

Whole tank affected? Fix the cause

- Change 30% of the water twice a week
- Vacuum the substrate and remove leftover food
- Feed less (often once every two days is enough)
- Use live plants, not plastic ones
- Clean the filter every 3–4 months in tank water

My treatment log

Date	Dose (mL)	Method (1, 2 or 3)	Notes (colour change, water change…)

Scan for the full guide & dose calculator

Step-by-step article, online dose calculator, FAQs and help from our team.

Visit us at
aquacoffeeshop.co.uk

Follow the dosage on the label. Store at room temperature, away from frost, heat and direct sunlight, in the original container. Keep out of the reach of children and pets. AquaCoffeeShop Ltd.